

# Diversity of bacterial endosymbionts in siphonous and siphonocladalean green algae

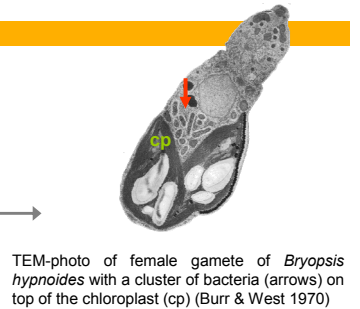
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## INTRODUCTION

Many eukaryotes maintain close physiological associations with bacteria that reside within or on the surface of the cells. Microbial symbionts have been well documented in various animals, land plants and heterotrophic protists. Bacteria are also commonly found in close associations with algae. These bacteria can be facultative or obligate, ecto- or endosymbionts. Epiphytic bacteria have been found to be ubiquitous on the external surfaces of marine macrophytes. Many algae, including the siphonous green seaweeds *Bryopsis* and *Caulerpa*, naturally harbour endosymbiotic bacteria.

This study focuses on the identity and diversity of endosymbiotic bacteria in the marine siphonous and siphonocladalean green algae *Bryopsis* and *Boergesenia*.



## METHODOLOGY



Sampling ● *Bryopsis* ● *Boergesenia*

